

Seed Mix Recommendation for Sevier Dry Lake Reclamation Project

Division of Oil, Gas and Mining

Holland Shepherd

July 2, 1993

Grasses

| <u>Common Name</u> | <u>Scientific Name</u> | <u>lbs/acre</u> |
|-----------------------|------------------------|-----------------|
| Crested wheatgrass | Agropyron cristatum | 3 |
| Streambank wheatgrass | Agropyron riparian | 3 |
| Bluebunch wheatgrass | Agropyron spicatum | 3 |
| Indian ricegrass | Oryzopsis hymenoides | 3 |
| Sand dropseed | Sporobolus cryptandrus | 1 |

Forbs

| | | |
|--------------------|-----------------------|---|
| Blue flax | Linum lewisii | 1 |
| Alfileria | Erodium cicutarium | 1 |
| Sweetclover | Melilotus officinalis | 2 |
| Desert globemallow | Sphaeralcea ambigua | 1 |

Trees and Shrubs

| | | |
|--------------------|-------------------------|---|
| Fourwing saltbush | Atriplex canescens | 3 |
| Shadscale | Atriplex confertifolia | 3 |
| Rubber rabbitbrush | Chrysothamnus nauseosus | 2 |

Total = 26lb/acre

This seeding rate is for broadcast seeding only. If the seed is to be drilled in, the rate should be reduced by approximately 1/3 for each category of seed (e.g. Indian Ricegrass would equal 17lb/acre).

The Division recommends that the seed be applied by drill. This would better ensure establishment. Because the areas to be reclaimed are relatively flat, drill seeding would be more practicable.

The Division also recommends that the operator check the cost for each species with the seed supplier. If the cost for some of these species is unreasonable compared to the others, then drop them off the list. Each category grass, forb, shrub, should have at least three species.

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